KGN1080PBD32VAA

USER MANUAL

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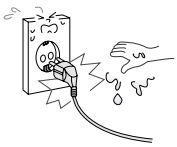
Power Supply

Warnings

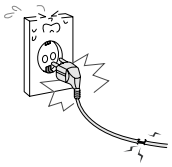
Do not touch the power plug with wet hands.

- Doing so may result in electric shock.



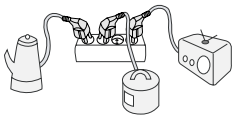
Do not use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.



Do not plug several devices into the same outlet.

- Doing so may cause the outlet to overheat and start a fire.

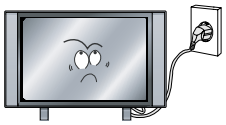


Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.

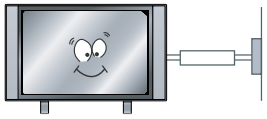
Do not bend the power cord excessively or place heavy objects on it.

- Doing so may result in fire or electric shock.



Be sure to ground the unit.

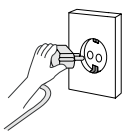
- Failing to do so may lead to electric shock when a short circuit or overload occurs. If necessary, install a ground fault circuit breaker. Never ground to a telephone line, lightning rod, or metal gas pipe. (Doing so may result in fire, electric shock, or other hazards.)



Cautions

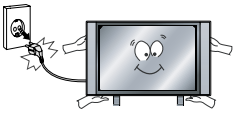
When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in fire.



Always unplug the unit before cleaning.

- Not doing so may result in fire or electric shock.



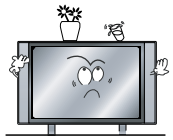
The purpose of these precautions is to ensure user safety and prevent property damage.
Be sure to read and observe all safety precautions.

Installation

Warnings

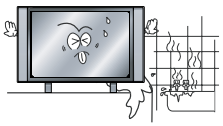
Do not place containers with liquids such as flower vases, soft drink cans, or medicine bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in short-circuit, fire, or electric shock.



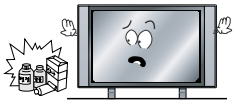
Do not place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.



Do not use or store flamm able or combustible materials near the unit.

- Doing so may result in fire or explosion.

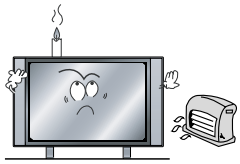


Do not place the unit on an unstable surface, such as a wobbly stand or sloped table, or on any surface whose area is smaller than the bottom area of the unit.

- If a child climbs on the unit, it could topple and fall onto the child, resulting in serious injury to the child or damage to the unit. Place the unit on a flat stable surface.

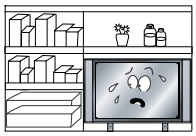
Do not place a burning candle, burning anti-mosquito incense, or lighted cigarette on top of the unit. Do not place the unit near any heat source such as a fireplace or space heater.

- Doing so poses a serious risk of fire.



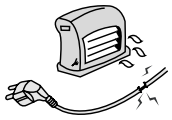
Do not place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of fire.



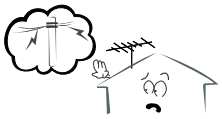
Do not run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat could melt the insulation and expose live wires, resulting in fire or electric shock.



Install the antenna away from high-voltage power lines and communication cables and make sure it is installed securely.

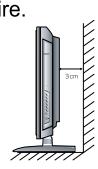
- If the antenna touches a power line, contact with the antenna could result in fire, electric shock, serious injury, or death.



Cautions

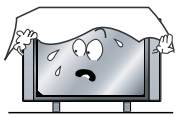
Install the unit at an adequate distance from the wall to ensure sufficient ventilation.

- If the temperature inside the unit rises, it may resultin fire.



Do not cover the unit with a tablecloth, curtain, or other material.

- If the temperature inside the unit rises, it may result in fire.

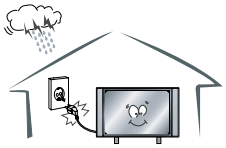


Be sure to place the unit on a level surface.

⚠ Warnings

Form a drip loop where the coaxial antenna cable enters your building to prevent rainwater from traveling along the cable and coming in contact with the antenna input terminal.

- If rainwater finds its way inside the unit, it may result in fire or electric shock.



- The following precautions are divided into "Warnings" and "Cautions".

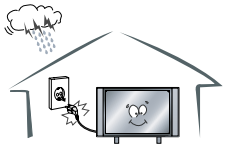
⚠ Disconnect device: plug/coupler or all-pole mains switch location，
⚠ Warning : Ignoring this precaution may result in death or serious injury.
⚠ Caution : Ignoring this precaution may result in injury or property damage.

Use and Maintenance

Warnings

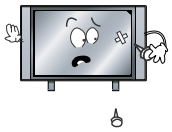
Disconnect the power cord from the wall outlet during an electrical storm.

- Not doing so may result in fire or electric shock.



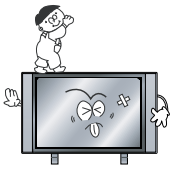
Do not insert any metal objects, such as a screwdriver, paper clip, or bent wire into the ventilation openings or A/V terminals.

- Doing so poses a serious risk of fire or electric shock.



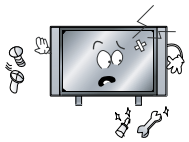
Do not allow children to climb or hang on the unit.

- The unit could topple over onto a child and result in serious injury.



Never disassemble or modify the unit in any way. Do not attempt to service the unit yourself.

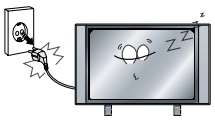
- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

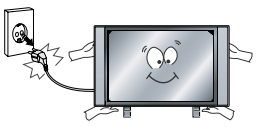
When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

- Dust could accumulate over time on the unit and cause it to generate heat and ignite, or deteriorate insulation, which in turn may result in an electrical fire.



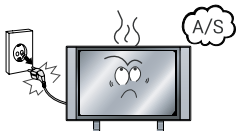
When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

- Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.

- Failure to do so may result in fire or electric shock.



⚠ Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

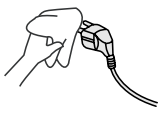
- If a child has swallowed a battery, seek medical attention immediately.

Always use two or more people to lift or move the unit.

- If the unit is dropped, it could be damaged or otherwise cause injury.

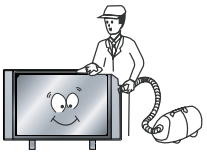
Wipe off any moisture, dirt, or dust on the power plug pins with a clean dry cloth.

- Failure to do so may result in fire or electric shock.



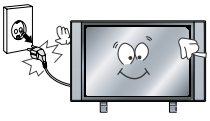
It is advisable to clean the interior of the unit at least once a year. Contact the store of purchase or service center for information.

- Continuing to use the unit without cleaning off the dust build-up inside it may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

- Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.



Important Safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.

Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with a dry cloth.

7) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.

8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11) Only use the attachments/accessories specified by the manufacturer.

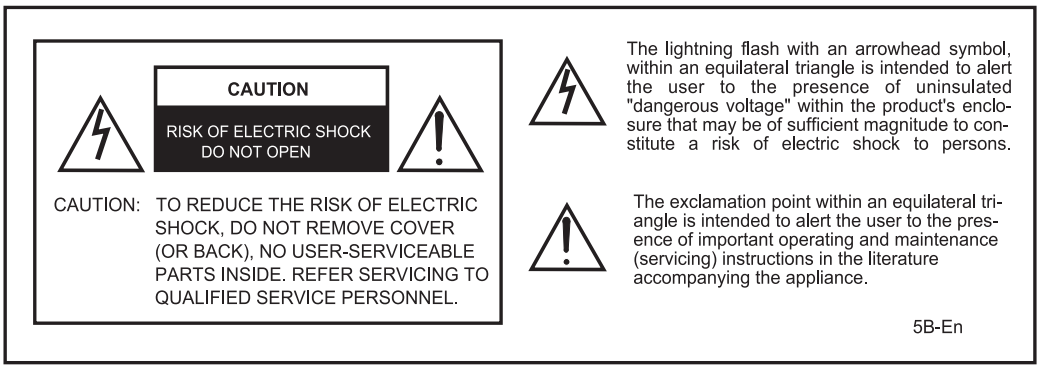
12) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Important Safety Instructions

13) Unplug this apparatus during lightning storms or when unused for long periods of time.

14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

• Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
The lightning flash with an arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.
5B-En

Apparatus with Class I construction shall be connected to a Mains socket outlet with a protective earthing connection.

WARNING

TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

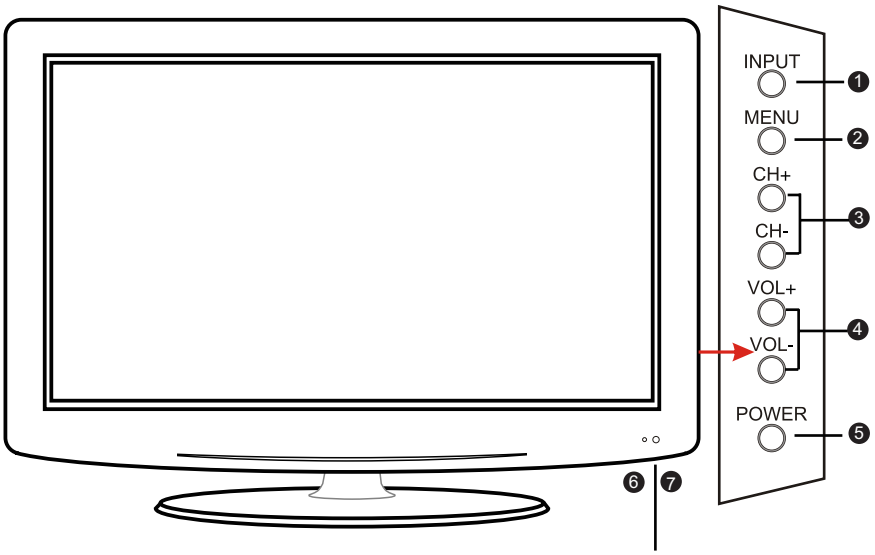
Caution :

- These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

- Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Names of each part

Front View



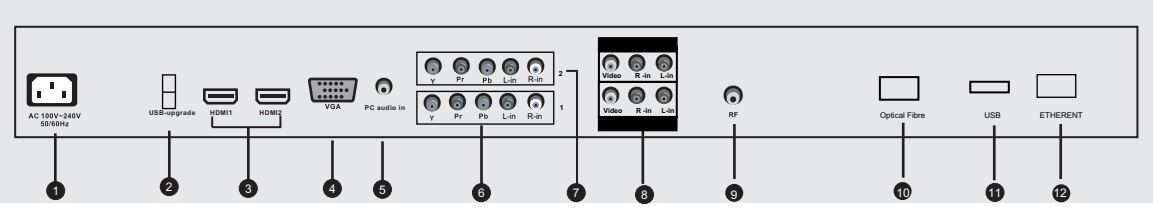
1. INPUT button - Input Source Select Button
2. MENU button - OSD Menu Display Button
3. CH+/- button - Channel/Program +,- Button
4. VOL+/- button - Volume +,- Button
5. POWER button
6. LED Indicator
7. Remote Control Window

Accessories

- The configuration of the components may look different from the following illustration.

User's Guide | Power Cable | Remote Control

Names of each part



1. AC POWER IN
2. USB-upgrade
3. HDMI1/2
4. VGA
5. PC audio in
6. YPbPr1
7. YPbPr2
8. AV×2
9. RF
10. Optical Fibre
11. USB
12. ETHERENT

⑩. Connect network

Connect this product to the network to enjoy software updates and BD-Live bonus content.

Connect the network cable (not supplied) to:
- the LAN jack on this product,
- the LAN jack on the broadband modem or router.

⑪. Connect USB device

A USB device provides an additional memory to enjoy software updates、 BD-Live bonus content and for media play.

Connect the USB device to the USB jack on this product.

Note

- Connect a USB device only to the USB jack on this product.
- We does not guarantee 100% compatibility with all USB devices.
- If use USB device to play media. Please press MEDIA CENTER.

⑫. Optional connections

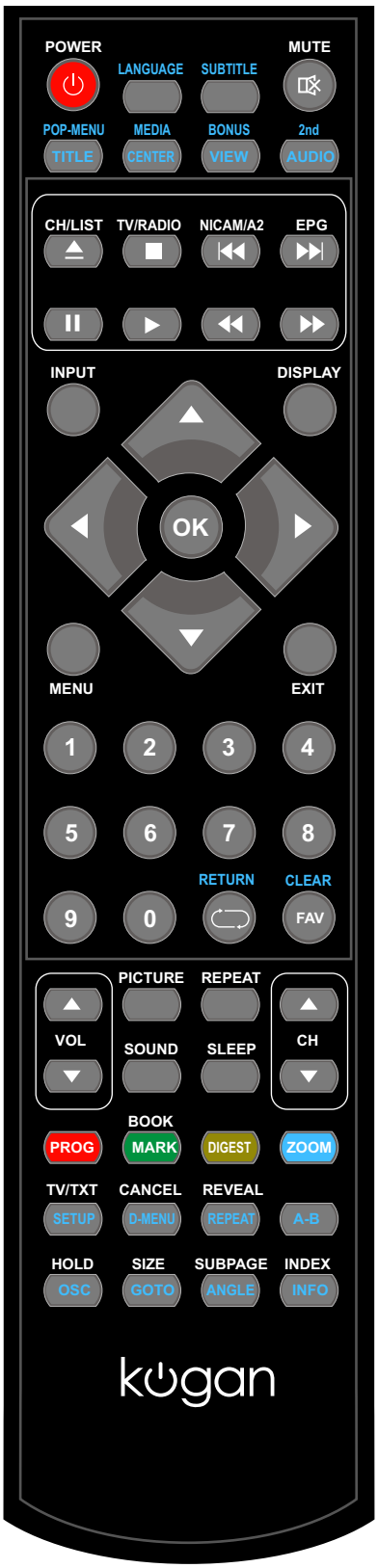
- Route audio to other devices
  - Digital amplifier/receiver
  - Analog stereo system
- LAN
- USB device (As additional memory for software updates and BD-Live bonus contents).

Note

- Refer to the type plate at the back or bottom of the product for identification and supply ratings.
- Before you make or change any connections, ensure that all devices are disconnected from the power outlet.
- Different types of connectors can be used to connect this product, depending on availability and your needs.

Remote Control

The remote control is using Infra-Red(IR). Point it towards the front of the LCD TV. The remote control may not work correctly if it is operated out of range or out of angle.



POWER: Turn the TV on/standby.

MUTE: Press to mute the sound, press again or press VOL+ to unmute.

CH/LIST: Display the channel list.

TV/RADIO: Change the state between DTV and RADIO in DTV mode.

NICAM/A2: Nicam/A2 select.

EPG: To show the Electronic Program Guide during no-menu state only in DTV mode.

INPUT: Press to display the input source menu.

DISPLAY: Display brief information concerning the current channel you are view.

Cursor left/right/up/down: Cursor buttons used in menus.

OK: CONFIRM BUTTON for menu.

MENU: System setup menu.

EXIT: Exit the OSD menu.

0-9: Choose channel directly.

: Return to the previous channel viewed.

FAV: Display the favourite program list.

VOL ▲/▼: Adjust the volume.

CH▲/ ▼ : Scan through channels.

PICTURE: Select the picture mode.

SOUND: Select the sound mode.

REPEAT: Repeat playing the title or chapter.

SLEEP: Standby timer.

TV/TXT: Turn off/on the Teletext display.

CANCEL: Cancel the Teletext display.

REVEAL: Reveal any hidden text, for example-quiz answer.

HOLD: Hold or carry on the current subpage.

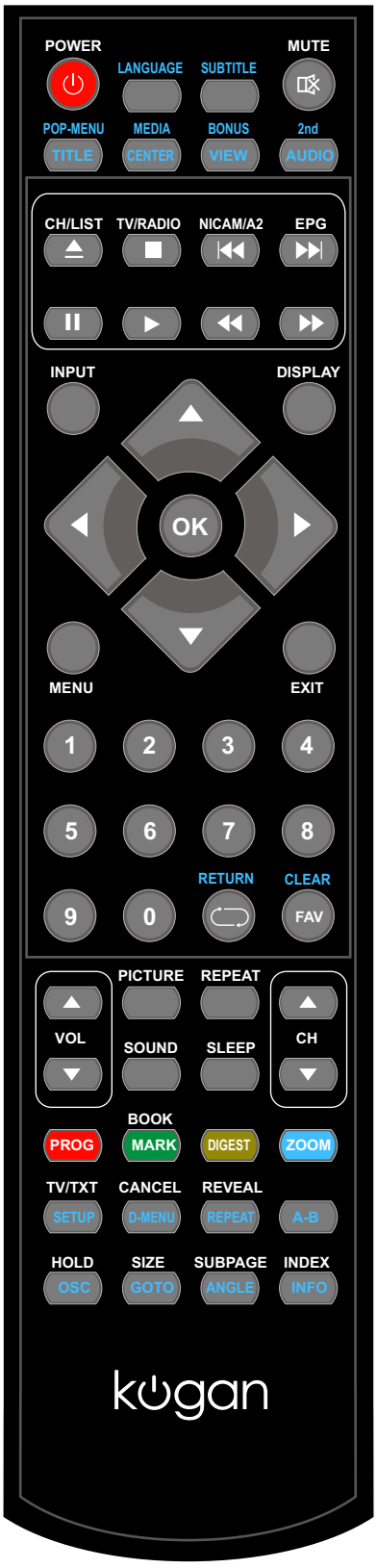
SIZE: Press to see top half of page double size, Press again to see the bottom half og page double size, Press again for normal size.

SUBPAGE: For example to go directly to subpage 4: press SUBPAGE, then 0,0,0,4; press SUBPAGE again to cancel subpage mode.

INDEX: Go to index.

Colour buttons: short cuts-follow the coloured links in the text.

Remote Control



Buttons for USB operation

⏯ : Play/pause DVD program.
■ : Stop DVD program.
⏪ : DVD fast reverse.
⏩ : DVD fast forward.
⏮ : DVD previous chapter.
⏭ : DVD next chapter.

Buttons for DVD operating

You could use the functions of the buttons only in DVD mode.

⏏ : Load/eject disc.
⏮ : Previous chapter.
⏪ : Fast reverse.
⏩ : Fast forward.
⏭ : Next forward.
⏯ : Start or resume play.
■ : Stop play.

RANDOM
Go to Random/shuffle playback mode.

CLEAR
To clear an entry.

2nd AUDIO
Open 2nd Audio of 2nd video (PIP's sub-window video)

POP-MENU / TITLE

- BD: Display the top menu.
- DVD: Display the title menu.

MENU
To open the Top menu of BD/DVD-Video disc.

REPEAT
Press REPEAT button to select the repeat mode. The specific repeat mode is different according to different disc type.

A-B
Press A-B can repeat playback of a user defined section.

ANGLE
Select picture angle.

BONUS VIEW
Turn on or off the secondary video in a small screen window during play (applicable only to BD-video that supports the BONUSVIEW or Picture-In-Picture feature).

OSC
To access On Screen Control menu.

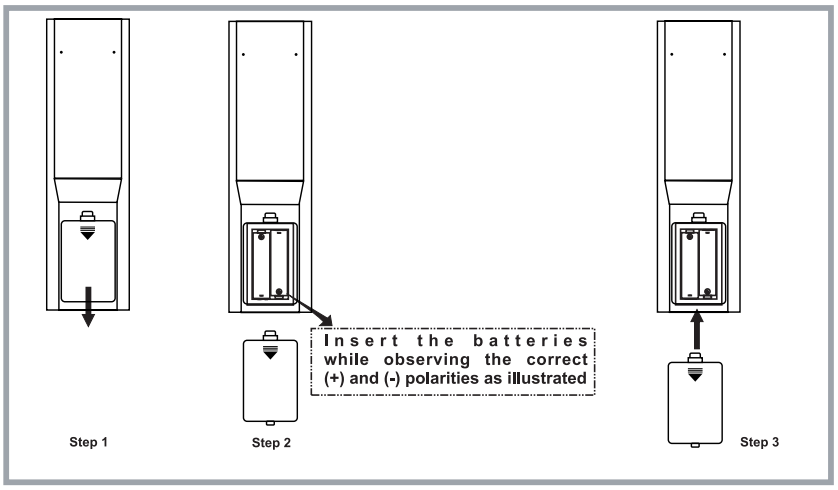
Precautions

Avoiding Remote Control Problems

1. Check the polarity (+,-) of the batteries in the remote control.
2. Check that the batteries have power.
3. Check that the LCD TV is powered and that it is properly plugged in.
4. Check if any three-wavelength lamp, special fluorescent or neon sign is turned on near the LCD TV.

Inserting Batteries in the Remote Control

1. Open the cover completely.
2. Insert the two supplied batteries (AAA,1.5V).Ensure that the polarities (+ and -) of the batteries are aligned correctly.
3. Silde back the cover.



⚠ CAUTION : Risk of explosion if battery is replaced by an incorrect type.
Dispose of used batteries according to the national code (Recycling program).

How to use remote control

· The remote control should be operated within 30 feet (7m) and 30 ° to the left and the right of the IR receiver at the front of the LCD TV.

· Used batteries should be disposed properly.

Powering the LCD TV

● Power on/ off

· To turn the LCD TV on :
Press "POWER" button on the LCD TV.

· To turn the LCD TV off :
Press "POWER" button on the LCD TV.

· To turn on/off by remote control :
Press the ⏻ button of remote control.

Selecting Input Source

- You can select between the TV signal and the input signal of other equipments connected to the TV.
- Use this function to switch to the input source you wish to view.

Press TV/AV button on the remote control.

Use ▲▼ to move to the desired input source.

Press OK to select.

Operating the Menu

1. Press the POWER button to turn the LCD TV on.
2. Press the TV-MENU button on the remote control, the on-screen menu will appear on the screen.
3. Use the ◄ and ► buttons to select your main menu option, and use OK or ▼ to confirm.

PICTURE MENU:

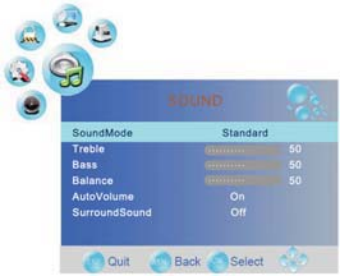
Allows you to make adjustments to your picture settings.

(select TV source for example)

SOUND MENU:

Allows you to customise the aound options and effects.

(Select TV source for example)



TIMER MENU:

Allows you to setup a variety of timer options.

(Select TV source)

OPTION MENU:

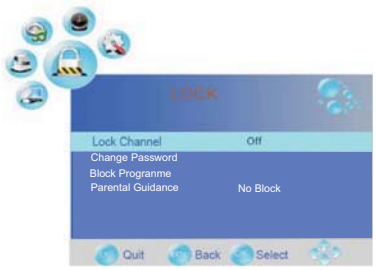
Allows you to setup a variety of setup options.

(Select TV source)

LOCK MENU:

Allows you to set up a variety of lock options.

(Select TV source)



CHANNEL MENU:

Allows you to search channels and set up a variety of channel options.

(Select TV source)

4. Use the ▼ / ▲ buttons to select an option of the sub-menu, and press the ► button.
   While in adjustment mode, use the ◄ / ► button to change the value of the item.
5. Press the EXIT button to exit the menu.

Note:

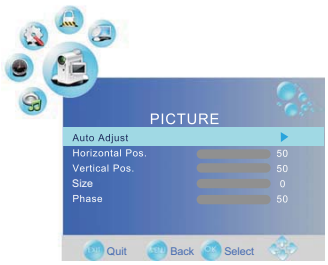
Only when you input the suitable signal, the relevant items can be activated.

Customising PICTURE Settings

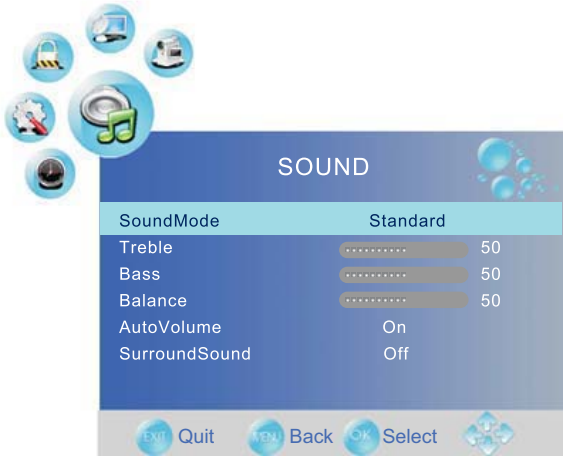
Use the ◀ and ▶ buttons to select the **PICTURE** menu(as the picture above), press ▼ button to enter the menu. Press ◀ or ▶ Direction buttons to change the settings.

The PICTURE menu includes the following options :

Picture Mode	Cycles among picture display modes: Standard, Dynamic,Mild, User.
Contrast	Controls the difference between the brightest and darkest regions of the picture.
Brightness	Controls the overall brightness of the picture
Color	Control the colour.
Sharpness	Increase this setting to see crisp edges in the picture; decrease it for soft edges .
Tint	Controls the tint.
Color Temperature	Cycles among colour modes: User,Warm, Medium, Cool. When you select “User” mode, you could adjust the colours below(Red, Green, Blue) by yourself.
Aspect Ratio	Cycles among screen display modes: Auto, 4:3, 16:9, Zoom1, Zoom2.
Noise Reduction	Reduce the noise point of the picture when you turn on the function by selecting “On”.
PC Setup (only exist in PC-RGB mode) Press ▶ button to enter the submenu to adjust the picture of the screen.	



Customising the SOUND Settings



Use the ◀ and ▶ buttons to select the **SOUND** menu(as the picture above), press ▼ button to enter the menu. Press ◀ or ▶ Direction buttons to change the settings.

The SOUND menu includes the following options :

Sound Mode	Allows you to select among: Standard, Music, Movie, Sports and User.
Treble(Could be adjusted when the sound mode is User)	Controls the relative intensity of higher pitched sounds.
Bass(Could be adjusted when the sound mode is User)	Controls the relative intensity of lower pitched sounds.
Balance	To adjust the balance of the left and right sound track, or turn off the volume of the left and right sound track.
Auto Volume	Control the volume of the program automatically when you turn on the function by selecting “On”.
Surround Sound	Turn on/off the surround sound function by selecting “on”/“off”.

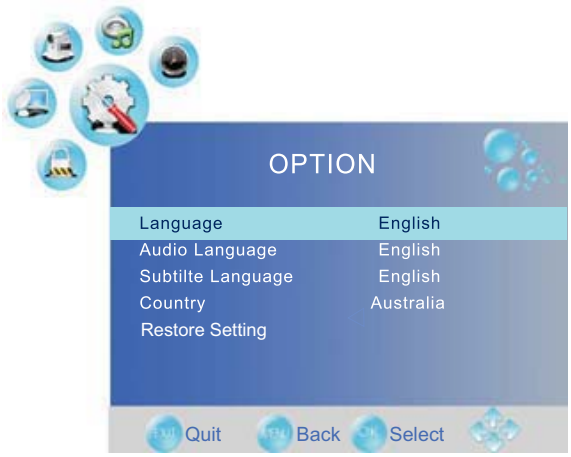
Customising the TIMER Settings

Use the ◀ and ▶ buttons to select the **TIMER** menu(as the picture above), press ▼ button to enter the menu. Press ◀ or ▶ Direction buttons to change the settings.

The TIMER menu includes the following options :

Clock	Use the ◀ and ▶ buttons to select the position, and use the ▼ and ▲ button to set the time. Note: User can not change time manually during DTV mode, for time is from signal source directly.
Off Time	Press ▶ button to enter the submenu, you could set the time when the TV set will be turned off automatically, you could also set the frequency.
On Time	Press ▶ button to enter the submenu, you could set the time when the TV set will be turned on automatically, you could also set the frequency, volume and program.
Sleep Timer	Allows you to setup the sleep timer among: 10min, 20min, 30min, 60min, 90min,120min, 180min, 240min and off.
Auto Sleep	Turn on/off the auto sleep function.
TimeZone	Allows you to select the time zone.

Customising the SETUP Settings

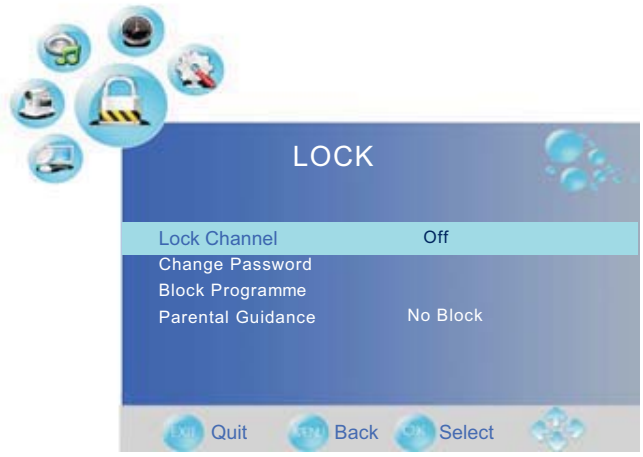


Use the ◀ and ▶ buttons to select the **OPTION** menu(as the picture above), press ▼ button to enter the menu. Press ◀ or ▶ Direction buttons to change the settings.

The SETUP menu includes the following options:

Language	Allows you to select menu language.
Audio Language	(Could be selected in TV mode) Allows you to select audio language.
Subtitle Language	(Could be selected in TV mode) Allows you to select subtitle language.
Country	Display the current Country.
Restore Setting	Press ▶ button to restore factory default.

Customising the LOCK Settings

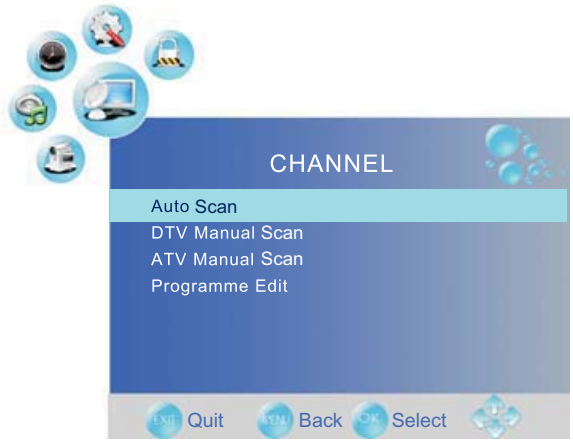


Use the ◄ and ► buttons to select the **LOCK** menu(as the picture above), press ▼ button to enter the menu.
Note: You should enter the code to operate the menu.(original code is 0000)

The LOCK menu includes the following options :

Lock Channel	When turn on, the user can not manual search and program edit.
Change Password	Press ► button to enter the submenu, and you could change the password here.
Block Programme	Press ► button to enter the submenu as the right picture, select a program, and press GREEN button to block it.
Parental Guidance	Cycles among ages: 4,5,6.....18, or you could turn the function off.

Customising the CHANNEL Settings



Use the ◄ and ► buttons to select the **CHANNEL** menu(as the picture above), press ▼ button to enter the menu.

The CHANNEL menu includes the following options :

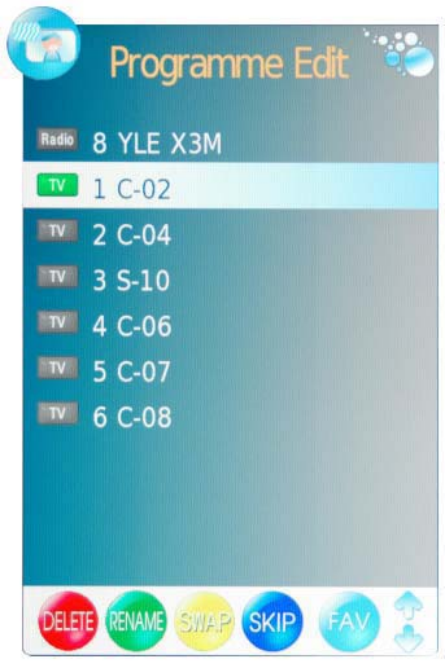
Auto Scan (Recommended)	Press ► button to start auto tuning(ATV and DTV signals). When the tuning procedure is complete, the channels will be automatically allocated to their correct channel number positions.
DTV Manual Scan	Press ► button to enter the submenu. Press ◄ or ► button to select a channel and press OK button to start search.

ATV Manual Scan	Press ► button to enter the submenu.
Storage To	Select a position to store the program.
System	Press ◄ and ► buttons to select a system you need.
Current CH	Select a program you want to tuning.
Search	Press ◄ and ► buttons to manual search.
Fine-Tune	Press ◄ and ► buttons to fine-tune.
Skip	Select “Yes” to skip the program when you scan the programs by CH+/-
Frequency	Display the current channel’s frequency.

Press RED button to save all the setups you have changed.

Customising the CHANNEL Settings

Program Edit: Press ▶ button to enter the submenu as the following picture.



Delete: Select a program, and press RED button, on the right of program, "**Delete**" will appear, then press RED button again, the program will be deleted. If you press "RED button once,but do not want to delete the program, press "menu" to quit.

Rename: Select a program, and press GREEN button, then you could use ◀ and ▶ buttons to select the position of the program's name you want to change, and press ▼ and ▲ buttons to change the character, press ◀ or ▶ button to confirm the change. Press menu to exit and it will automatically save the current set.(It can only rename ATV program.)

SWAP : Select a program, and press YELLOW button, then you could use ▼ and ▲ buttons to change the position of the program, Press menu to exit and it will automatically save the current set.

Skip: Slect a program, and press BLUE button to sign the program, while the program have been signed, it will be skiped when you scan programs by CH+/-.

FAV: Select a program, press FAV button to set the program as the favorite channel.

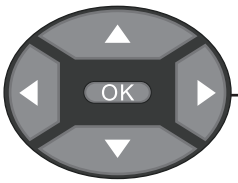
Note: The function of "RENAME" and "MOVE" could not be used in DTV source.

Use the SETUP menu

Press **SETUP** to display the SETUP menu on the TV.

Navigate the menu

When a menu is displayed, press the buttons on the remote control to navigate through it.



- Move up or down.
- Move left or right.
- Confirm a selection.

Select menu display language

1. Select **[General Settings]** in the **SETUP** menu.
2. Press ▲ / ▼ to select **[Language]** in the menu
3. Press ▶ to select **[OSD]**, and press ▶ again to enter the select menu, then you can select the language you want.
4. Press **ENTER** to confirm.

Play a disc

Caution

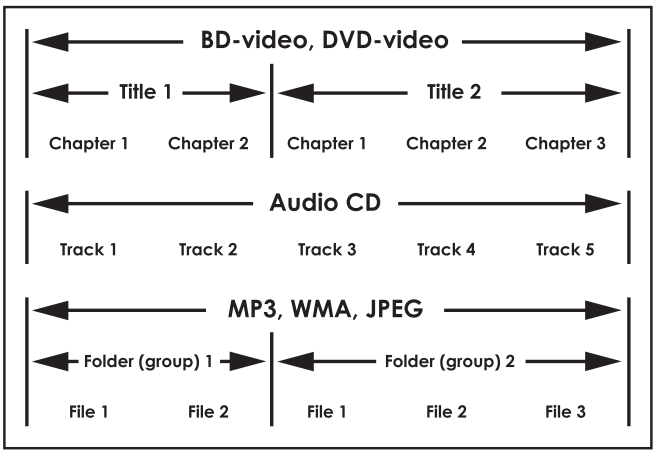
- Do not place any objects other than discs into the disc compartment.
- Do not touch the optical disc lens inside the disc compartment.

Note

- Before playing a disc, check the types of discs sup-ported.
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc.
- If you pause or stop a disc, the screen saver appears after 3 minutes of inactivity. Press any button to deactivate the screen saver, press any button.

Disc content structure

The structure of a disc content is generally divided as shown below.



- **[title/chapter]** (title/chapter) refers to the contents on a BD/DVD.
- **[track]** (track) refers to the contents on an audio CD.
- **[folder/file]** (folder/file) refers to the contents on a disc in MP3/WMA/JPEG format.

Play video

Control video play

1. Play a title.
2. Use the remote to control the play back.

Blu-Ray Disc Player

Buttons	Action
II	Pause play.
▶	Start or resume play.
■	Stop play.
⏮ ⏭	Skip to a previous/next title or chapter.
◀◀ ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.

- In pause mode, the forward and backwards search buttons will enable slow playback.

Note

- For BD disc with Java application, the resume function is not available.

Display menu

BD-video disc:

MENU stops the video playing and returns to the disc menu. This feature is disc-dependent.
MENU will access the BD-video disc menu without interrupting disc play.

DVD-video disc:

MENU will display the root menu of a disc.
TITLE will display disc information and guide you through the available functions on the disc.

Change video play

Button	Action
AUDIO	Selects an audio language or channel on a disc.
SUBTITLE	Select the subtitle language on a disc.
REPEAT	Select or turn off repeat or shuffle mode. • Repeat options may vary from the disc type.
DISPLAY	Display the current status or disc information.
ZOOM	Zoom in/out of the video image.
RANDOM	Selects the Random->Normal mode.
BOOK MARK	Bookmark the selected point during playback.
A-B	When a disc is playing, pressing this button once will save a “start point” for repeating playback. Pressing this button again will save an “end point” for repeated playback. Playback will repeat from the start point to the end point. • The marked section for repeat play should be in one track/title.

Blu-Ray Disc Player

Button	Action
PROGRAM	Edit the program and play.
GOTO	Jump to a user specified time during playback.
BONUS-VIEW	Turn on or off the secondary video in a small screen window during play (applicable only to BD-video that supports the BONUSVIEW or Picture-In-Picture feature).
2nd AUDIO	Switch over the audio displaying between the main window or PIP window.
OSC	Access options relating to the current activity or selection, and control the video play back.

Note

- Some operations may not work with some discs. See the information accompanying the disc for details.
- Applicable only to discs that contain multi-angle scenes.

Playing a Blu-ray video disc

Blu-ray video discs have larger capacity and support features such as high-definition video, multichannel surround sound, interactive menus and so on.

1. Insert a BD-video disc.
2. Playback will automatically start, or select a play option in the menu and press **OK.**
3. During playback, you can press **MENU** to display additional information, features or content stored on the disc.
4. During playback, you can press **MENU** to display the disc menu without interrupting disc play.

Enjoying BONUSVIEW content

(Applicable only to a disc compatible with the BONUSVIEW or Picture-in-Picture feature) You can instantly view additional content (such as commentaries) in a small screen window.

(A) Primary video
(B) Secondary video

1. Press **BONUSVIEW** to turn on the secondary video window.
2. Press **AUDIO** to switch over the audio between main Playback window and PIP window.

Enjoy BD-LIVE

You can enjoy the BD-Live functions which enable you to use interactive functions on the disc when the unit is c onnected to the Internet.

Example of BD-Live interactive functions:

1. Additional content (such as movie's trailer, subtitles and BD-Java, etc.) can be downloaded to the unit's local storage or a connected USB storage device.
2. Special video data may be played while being downloaded.
3. When a disc supporting BD-Live is played, the product or the disc's ID can be sent to the content provider via the Internet. Service and functions will differ depending on the disc.

Note

- The unit must be connected and set up to access Internet.
- Depending on the connection environment, it may take time to connect to the Internet.
- When BD-Live functions are used and the unit is connected to the Internet, your standard internet service provider charges will apply.
- Follow the instruction given by the disc when using the BD-Live function.
- It is recommended to use a USB storage device for download the content (at least 1GB free space is recommended.

Playing music

Controlling music playback

Use the remote control to control the playback for audio file.

Buttons	Action
II	Pause play.
▶	Start or resume play.
■	Stop play.
⏮ ⏭	Skip to a previous/next title or chapter.
1 2 3 4 5 6 7 8 9 0	Select an item to play.
◀◀ ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.
REPEAT	Select or turn off repeat or shuffle mode.

Play MP3/WMA music

You player can also playback digital music files. MP3/WMA are types of highly compressed audio file (files with mp3 or wma extensions).

1. Insert a disc that contains MP3/WMA file.
2. Select a music folder, then press **OK** .
3. Select a file to play, then press **OK** .

Note

- Press **MEDIA CENTER** to display the file list.

Note

- For discs recorded in multiple sessions, only the first session will be played.
- This player cannot playback WMA files that are protected by Digital Rights Management (DRM),
- This product does not support the MP3PRO audio format.
- Special characters present in the MP3 track name (ID3) or album name, it might not be displayed correctly
  on the screen as these characters are not supported by the player.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Playing a photo slideshow

Play photos as slideshow

You can play JPEG photos (files with .jpeg or .jpg extensions) on the player as a slideshow.

1. Insert a disc or USB device that contains the JPEG photos.
2. Select a photo folder, then press **OK** to open.
   - To select a photo, use the **Navigation** buttons.
   - To enlarge the selected photo and start slideshow, press **OK.**

Note

- It may require longer time to display the disc content on your TV if there are a large number of songs/photos compiled onto one disc.
- This product can only display digital camera pictures in the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips as sociated with pictures.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Controlling photo slideshow

1. Begin a photo slideshow.
2. Use the remote control to control the play as follows.

Buttons	Action
◀ ▶	Rotate a photo anticlockwise/clockwise.
▲ ▼	Flip a photo horizontally/vertically.
■	Stop play.

Note

- Some operations may not work with all discs or files.

Set slideshow interval and animation

1. During slideshow playback, press **OSC**. The options menu will be displayed.
2. Navigate the options with the **Navigation** button.
3. Select an option in the menu, then press **OK**.
4. Press **OK**.

Playing music during a photo slideshow

Create a musical slideshow to play both MP3/WMA music files and JPEG photo files simultaneously.

Note

- To create a musical slideshow, you must store the MP3/ WMA and JPEG files on the same disc as the photos.

1. Select your MP3/WMA music to play and start playback.
2. Press **Media Center** to return to the main menu.
3. Navigate to enter a photo folder, then press **OK** to start slideshow play.
   - Slideshow begins and continues till the end of the photo folder.
   - Audio continues to play until the end of the disc.
   - To stop the slideshow play, Press ■.
   - To stop the music play, press ■ again.

Note

- If the setup option is grayed out, it means the setting cannot be changed at the current state.

Basic operation for the menu

1. Press **BD-SETUP.**
2. Select a main menu by ◄ ►.

3. Select the menu you want to setting by ▲▼, and press ►.
   - You can press ▲ to return to mains menu.

4. Select the option by ▲▼, and press ► .
   - You can press ▲ to return to the previous menu.

5. Select by ▲▼ , and press **OK** to confirm.
   - You can press ◀ to return to the previous menu.
6. To return to the mains menu from any submenu, press ↩ (**RETURN).**
7. To exit the menu, press **BD-SETUP.**

General Player Settings

System

1. **Screen Saver:** Turns the screen save on/off, The screen saver will display in 3 mins if there is no operation when the unit is turned on.
2. **Disc Auto Playback:** Turns the disc auto playback function on/off.
3. **Load Default:** Return the player to its default settings.
4. **Upgrade:** select this when you want to upgrade your player software to the latest version.
5. **Easy Setup:** Make default settings fast.
6. **BUDA:** Define memory for BD-Live.

Language

1. **OSD:** Selects the OSD language.
2. **Menu:** Selects the menu language of the disc.
3. **Audio:** Selects the audio language for the program.
4. **Subtitle:** Selects the subtitle language for the program.

Note

- You have to select the audio and subtitle language according to the requirements on the disc.

Playback

1. **Closed Caption:** Turns the Closed Caption function on/off.
2. **Angle Mark:** Turn the Angle Mark function on/off
3. **PIP Mark:** Turn the PIP Mark function on/off.
4. **Secondary Audio...:** Turn the secondary audio language selects on/off.
5. **Last Memory:** Turn the Last Memory function on/off.
6. **PBC:** PBC ON/OFF.

Security

1. **Change Password:** Changes the password for parental control menu.
2. **Parental Control:** select this to set the parental control.
3. **Country Code:** Select the Country code.

Note

- The original code is 0000. The code can be changed by user.

Network

- Connect this product to a broadband modem or router.
- This player will start to detect if there is a connection to the network.
- If the connection test fails, select [Retry] and press ENTER to try and re-connect to the network again.

1. **Internet Connection:** Displays the internet connection state.
2. **Information:** Displays information of the current Network.
3. **Connection Test:** Tests the internet connection state.
4. **IP Setting:** Sets the IP for the player.
5. **BD-Live Connection:** Connection situation of BD-Live.
6. **Proxy Setting:** Setup proxy server.

Display Setting

TV

1. **TV Screen:** Selects the display mode for the TV.
2. **Resolution:** Selects the resolution for the TV.
3. **TV System:** Selects the TV system type.
4. **Color Space:** Selects the color space.
5. **HDMI Deep Color:** Selects deep color for HDMI.
6. **HDMI 1080p 24Hz:** Enable/disable HDMI 1080P 24Hz setting.

Video Process

1. **Video Adjust:** Enter the submenu to adjust the video display.
2. **Sharpness:** Select the playback sharpness mode.

Adjust the Brightness, Contrast, Hue, Saturation of the screen to suit.

Audio Setting

1. **Spdif:** Selects the spdif mode.
2. **HDMI:** Selects the HDMI mode.
3. **Down_samp:** Selects down_samp.
   (Select this when the Amplifier connected to the player is not 96KHz compatible. 96 KHz signals will be down converted to 48KHz)
4. **DRC(Dynamic range compression):** Selects the DRC mode

Update software

For software updates that can enhance your players performance, check the current software version of your players with the latest software (if available) .

1. Press **BD-SETUP**.
2. Select [General Setting], then press ▶ .
3. Select [System] > [Upgrade], then press **OK** .

Update software via USB

1. Download the software onto a USB flash drive.
2. Insert the USB flash drive to the USB jack of the rear panel.
3. In the SETUP menu, select [General Setting] >[System]>[Upgrade] >[USB Storage].
4. Follow the instructions on the TV screen to confirm the update operation.
5. Once the software update is complete, this product automatically switches into standby mode.
6. Disconnect the power cord for a few seconds; reconnect and turn on this player.

Note

- To prevent possible damage of this product do not turn off the power or remove the USB flash drive while the software update is in progress.

Trouble shooting

- Do not use other functions that are not mentioned in this user's manual.
- In case a problem occurs with your LCD TV, please take the following steps first.
- If you still have the problem, turn the power off and contact your dealer or an authorized service center.

Problem	Action
The screen does not appear.	Is the power plugged in? Insert the power plug. Press the power button of the remote control.
The screen appears too slowly after the power is turned on.	This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute contact your dealer or an authorised service center.
Screen is too bright or too dark.	Perform brightness adjustment or Contrast adjustment.
Screen is too large or too small.	Adjust the screen size.
Stripes appear on the screen and it shakes.	Keep any appliances that emit magnetic radiation away from the TV.
The screen does not move.	Press the PAUSE button. Check if the Pause button is pressed on external equipment.
Screen appears but there is no sound	1. Check if the "MUTE" function has been activated 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. If the sound still does not work and the other channels are the same after you have done as the above, contact your dealer or an authorised service center.
Remote control does not work	1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the LCD TV and the remote control , then remove it, if any. 4. If the batteries have no power, replace them with two new batteries.

- This LCD TV is for household use and registered as harmless to electromagnetic waves.
- Therefore, you can use it in every location as well as residential areas.

Specifications

LCD Panel	Panel Size	32”
Max. Resolution		1920 x 1080
Input Connector	VIDEO	2
	YPbPr	2
	AUDIO (L/R)	2
	PC/AUDIO	1
	HDMI	2
	RF	1
Other Connector	USB	2
	Optical Fibre	1
	ETHERENT	1
Power Source		100-240V~ 50/60Hz
Power Consumption		180W

- The cabinet design and electronics specifications will be modified without prior notice for improving the performance.